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ENVIRONMENTAL
REVIEW
SECTION
DIVISION
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19
20 IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF MONTANA
21 MISSOULA DIVISION

22 UNITED STATES OF AMERICA,) Civ. No. 01-72-M-DWM
23 Plaintiff,)
vs.)
24 W.R. GRACE & COMPANY,) UNITED STATES' REPLY TO
25 W.R. GRACE & CO. - Conn., and) DEFENDANTS' RESPONSE TO
KOOTENAI DEVELOPMENT) UNITED STATES' MOTION FOR
26 CORPORATION,) PARTIAL SUMMARY JUDGMENT
Defendants.) ON DEFENDANTS' THIRD
) AFFIRMATIVE DEFENSE

1 The United States submits this reply to Defendants' response to the United States' motion
2 for partial summary judgment on the Defendants' Third Affirmative Defense, regarding
3 consistency with the National Contingency Plan ("NCP"). As Defendants' opposition does not
4 create a genuine issue of fact as to whether there is evidence in the administrative record that
5 supports EPA's cleanup decisions in Libby, the United States' motion must be granted.

6 **I. SUMMARY JUDGMENT STANDARD APPLICABLE TO REVIEW OF
7 AGENCY DECISIONS.**

8 Defendants do not discuss the application of the somewhat unique summary judgment
9 standard that is applicable to the review of agency decisions. As the United States noted in its
10 opening brief, the Ninth Circuit has found that summary judgment is an "appropriate
11 mechanism" for reviewing administrative agency decision making. City and County of San
12 Francisco v. United States, 130 F.3d 873, 877 (9th Cir. 1997); Occidental Eng'g Co. v. I.N.S.,
13 753 F.2d 766, 770 (9th Cir. 1985). Indeed, this Court has found that summary judgment is
14 "particularly appropriate" where the review of agency decision making is on the administrative
15 record. Montana v. U.S. EPA., 941 F. Supp. 945, 956 (D. Mont. 1996)(Judge Lovell), aff'd, 137
16 F.3d 1135 (9th Cir. 1998). In this circumstance, the district court is not tasked with resolving the
17 factual disputes that were before the agency. Occidental Eng'g, 753 F.2d at 769. Rather, the
18 Ninth Circuit has stated that the district court must "determine whether or not as a matter of law
19 the evidence in the administrative record permitted the agency to make the decision it did." City
20 and County of San Francisco, 130 F.3d at 877 (quoting Occidental Eng'g, 753 F.2d at 769).

21 **II. ARBITRARY AND CAPRICIOUS STANDARD OF REVIEW REQUIRES
22 CONSIDERATION OF RELEVANT FACTORS.**

23 Defendants' agree, as they must, that analysis of whether the United States' actions in
24 Libby are "not inconsistent" with the NCP is, in effect, an analysis of whether the actions are
25 "arbitrary and capricious." Def. Brief at 2; 42 U.S.C. § 9613(j); United States v. Chapman, 146
26 F.3d 1166, 1170 (9th Cir. 1998). Defendants further agree that the arbitrary and capricious
27 standard of review requires courts to determine "whether [the EPA] considered the relevant
28 factors and articulated a rational connection between the facts found and the choice made." Def.
Brief at 2. See also Inland Empire Public Lands Council v. Glickman, 88 F.3d 697, 703-04 (9th

1 Cir. 1996) (discussing arbitrary and capricious standard); United States. v. Iron Mountain Mines,
 2 Inc., 987 F. Supp. 1250, 1259-60 (E.D. Cal. 1997) (same).

3 At this point Defendants' analysis goes astray. Rather than discuss the "relevant factors"
 4 that should be applied in this case, Defendants state (in bold and underlined) that "judicial review
 5 must be based on something more than trust and faith in the EPA's experience." Def. Brief at 2.
 6 This is certainly true. The United States does not ask this Court to blindly assume that EPA has
 7 made supportable decisions in Libby. All it asks is that the Court review the actions EPA has
 8 taken against the backdrop of CERCLA and the NCP. The first step in this analysis should be
 9 whether EPA in fact considered the "relevant factors" in making its cleanup decisions. The
 10 "relevant factors" that Congress required EPA to consider in undertaking environmental cleanups
 11 are set forth in the NCP. See 42 U.S.C. § 9604(a)(1); Iron Mountain Mines, 987 F. Supp. at
 12 1255. With regard to removal actions, the Ninth Circuit has recognized that the eight criteria set
 13 forth in 40 C.F.R. § 300.415(b)(2) are the appropriate factors to consider. See Chapman, 146
 14 F.3d at 1172. Other courts are in accord. See, e.g., United States v. Odabashian, 1999 U.S. Dist.
 15 LEXIS 23202 at *17-*18 (W.D. Tenn. March 26, 1999)(40 C.F.R. § 300.415(b)(2) contains the
 16 "relevant factors" for assessing adequacy of removal action). As is discussed at great length in
 17 the United States' opening brief (and not repeated here), EPA carefully analyzed the removal
 18 action criteria in the action memoranda at issue in this case, and cogently explained why several
 19 of them were satisfied. U.S. Brief at 11; A.R. Facts 9-14, 42-47, 52-55. Thus, Defendants
 20 cannot genuinely dispute that the administrative record reflects EPA consideration of the
 21 "relevant factors" the NCP requires for removal action decisions or articulated a rational
 22 connection between the conditions it observed and the decisions to undertake cleanup actions.

23 **III. EPA'S CHOICE OF TIME-CRITICAL REMOVAL AUTHORITY WAS NOT
 24 ARBITRARY AND CAPRICIOUS.**

25 **A. The Administrative Record Supports EPA's Characterization of the
 26 Cleanups as Removal Actions.**

27 CERCLA provides for two types of response actions: removal actions and remedial
 28 actions. Defendants contend that EPA's cleanup actions in Libby are "remedial" rather than

1 “removal” in nature because of their extent and expense.¹ Def. Brief at 4-8. While as a general
 2 matter removals involve short-term or interim measures and remedial actions involve long-term
 3 or permanent measures, see Hatco Corp. v. W.R. Grace & Co.-Conn., 849 F. Supp. 931, 962
 4 (D.N.J. 1994), courts have recognized that there is significant overlap between the two types of
 5 response actions. See, e.g., Geraghty & Miller, Inc. v. Conoco, Inc., 234 F.3d 917, 926 (5th Cir.
 6 2000) (definitions of removal and remedial “are expansive enough that certain activities may
 7 well be covered by both”); Hatco v. Grace-Conn., 849 F. Supp. at 962 (“A response action may
 8 constitute both a removal and remedial action, and a court is not constrained to find either term
 9 applicable at the expense of the other.”). In determining whether a cleanup action is properly
 10 characterized, the first step is to examine the statutory definitions of “removal” and “remedial.”
 11 A “removal” action is defined broadly to include “the cleanup or removal of released hazardous
 12 substances from the environment, . . . such actions as may be necessary to monitor, assess, and
 13 evaluate the release, or threat of release of hazardous substances, the disposal of removed
 14 material, or the taking of such other actions as may be necessary to prevent, minimize, or
 15 mitigate damage to the public health or welfare or to the environment” 42 U.S.C.
 16 § 9601(23). “Remedial” actions are taken “instead of or in addition to removal actions,” and are
 17 taken “to prevent or minimize the release of hazardous substances so that they do not migrate to
 18 cause substantial danger to present or future public health or welfare or the environment.” 42
 19 U.S.C. § 9601(24).

20 The term “removal action” is to be given a broad interpretation, see Kelley v. E.I. DuPont
 21 de Nemours & Co., 17 F.3d 836, 843 (6th Cir. 1994), and the question of the classification of
 22 response actions is one of law, see Geraghty & Miller, 234 F.3d at 926. Because the definitions
 23

24 ¹Defendants contend that EPA “mischaracterized” its response actions as removal actions in
 25 order to “evade the safeguards provided for in the remedial process.” Def. Brief at 4. This is a
 26 serious accusation, yet it is absolutely unsupported. Defendants do not cite to any depositions or
 27 affidavits, and the United States is not aware of any, that contend that EPA elected to proceed
 28 with removal actions in Libby for any improper purpose. Instead, the evidence in the
 administrative record supports the proposition that EPA chose to undertake removal actions at
 Libby because the release or threat of release of asbestos met the removal action criteria set forth
 in 40 C.F.R. § 300.415(b)(2). See A.R. Facts 9-14, 42-47, 52-55.

1 of “removal” and “remedial” actions overlap, a “plaintiff’s ‘own description of its clean-up
 2 efforts is a prime starting point for determining whether those efforts should be labeled as
 3 remedial or removal” under the statute. Prisco v. New York, 902 F. Supp. 374, 385 (S.D.N.Y.
 4 1995)(quoting Tri-County Bus. Campus Joint Venture v. Clow Corp., 792 F. Supp. 984, 992
 5 (E.D. Pa. 1992)). Courts have uniformly recognized that “EPA’s decision to institute a response
 6 action and the choice of the particular action is discretionary.” EPA v. TMG Enterps., Inc., 979
 7 F. Supp. 1110, 1126 (W.D. Ky. 1997)(citing United States v. Hardage, 982 F.2d 1436, 1442 (10th
 8 Cir. 1992)). Thus, EPA’s classification of an action is to receive deference because Congress has
 9 charged EPA to interpret CERCLA and to administer the NCP, and “determining the appropriate
 10 removal and remedial action involves specialized knowledge and expertise, [and therefore] the
 11 choice of a particular cleanup method is a matter within the discretion of the EPA.” Id. at 1126-
 12 27 (quoting Hardage, 982 F.2d at 1442).²

13 With this background, there can be no dispute that the cleanup activities authorized in the
 14 EPA action memoranda before the court may be characterized as removal actions. First, the
 15 cleanups that EPA conducted at the Site are described repeatedly and consistently as removal
 16 actions throughout the administrative record. See U.S. Exhibit 5, May 23, 2000 Action Mem. at
 17 1; U.S. Exhibit 9, August 17, 2001 Action Mem. Amend. at 1; U.S. Exhibit 12, May 9, 2002
 18 Action Mem. Amend. at 1. Second, the cleanups primarily involve the excavation and disposal
 19 of asbestos-contaminated soils. As such, they constitute the “clean up and removal of released
 20 hazardous substances” and the “disposal of removed material” under the CERCLA removal
 21 definition, see 42 U.S.C. § 9601(23), and the “[e]xcavation, consolidation or removal of highly
 22 contaminated soils” under the NCP, see 40 C.F.R. § 300.415(e)(6). Courts have recognized that
 23 excavations may properly be characterized as removal actions. See General Electric Co. v.
 24 Litton Industrial Automation Sys., Inc., 920 F.2d 1415, 1419 (8th Cir. 1990) (excavation of

26 ²In light of the deference accorded EPA classifications, Defendants’ reliance on cases assessing
 27 private party cleanup actions, Def. Brief at 6, is misplaced. Nonetheless, the multi-factor test
 28 Defendants reference, particularly the exigency of the release, lack of complexity of an
 excavation removal, and the nature of the actions taken, supports the characterization of the
 cleanup activities identified in the action memoranda as removals.

1 contaminated soil and buried drums “undoubtedly” a removal action); TMG Enterps., 979 F.
 2 Supp. at 1130 (excavation and off-site transport of contaminated soil may be characterized as
 3 “removal”); Hatco v. Grace-Conn., 849 F. Supp. at 963 (same). The imminence of the threat of
 4 release and the threat to public health posed by the release, see U.S. Exhibit 5, May 23, 2000
 5 Action Mem. at 13; U.S. Exhibit 9, August 17, 2001 Action Mem. Amend. at 13-19; U.S.
 6 Exhibit 12, May 9, 2002 Action Mem. Amend. at 11-14, also support the use of removal
 7 authority.³ See Hatco v. Grace-Conn., 849 F. Supp. at 963. That is not to say that all of the
 8 asbestos contamination in Libby can or should be addressed under EPA’s removal authority.
 9 EPA has listed the Libby Asbestos Site on the National Priorities List, see 67 Fed. Reg. 65,315
 10 (October 24, 2002), and as a result is conducting a remedial investigation pursuant to 40 C.F.R.
 11 § 300.430(a)(2) to determine whether and to what extent remedial activities are appropriate to
 12 compliment the ongoing removal actions.⁴

13 Grace-Conn. appears to contend that the fact that EPA has spent more than one year
 14 removing asbestos in Libby converts the cleanup to a remedial action. But Grace-Conn.
 15 overlooks some key facts. First, as the Court is aware, Grace-Conn. (and its subsidiary KDC)
 16 prevented the United States from undertaking cleanup actions at the Kootenai Flyway and
 17 Kootenai Bluffs by denying access to those properties. The denial of access also delayed the
 18 cleanup of other Screening Plant properties, as EPA also sought access to the Mine to use as a
 19 disposal area for the excavated asbestos. United States v. W.R. Grace & Co., 134 F. Supp. 2d
 20 1182 (D. Mont. 2001)(Judge Molloy); U.S. Exhibit 9, August 17, 2001 Action Mem. Amend. at
 21 1. Thus, Grace-Conn. criticizes EPA for a delay in cleanup that was caused, in large part, by

23 ³Defendants contend that the action memoranda do not provide the detail regarding the
 24 immediacy of the threat EPA’s Action Memorandum Guidance suggests should be provided.
 25 Def. Brief at 9. But a review of the action memoranda provisions referenced in the text above
 26 indicates that sufficient information has been provided. Similarly, Defendants complain of
 27 “blatant misinformation” in the action memoranda because no one “lives or works” on the KDC
 28 Bluffs or Flyways. Id.; GSF ¶ 71. But people did “live and work” on the adjacent Parker
 property, and frequented the other parcels.

⁴Superfund-financed remedial actions can be conducted only at sites listed on EPA’s National
 Priorities List. See 40 C.F.R. § 300.425(b)(1).

1 Grace-Conn.'s obstruction of EPA's cleanup efforts. Second, Grace-Conn. ignores that EPA's
 2 removal actions in Libby span many different locations in town. Most of the individual locations
 3 were addressed very quickly. But even if EPA were solely responsible for the length of the
 4 cleanup, Defendants' argument still fails because removals are not necessarily limited to short-
 5 term responses. See, e.g., General Electric, 920 F.2d at 1418-20 (holding that excavation that
 6 began several years after wastes were discovered and that took fourteen months was a
 7 "removal"); United States v. Amtreco, Inc., 846 F. Supp. 1578, 1582 (rejecting argument that
 8 removals can only be short-term actions), amended by, 858 F. Supp. 1189 (M.D. Ga. 1994).⁹

9 Along the same line, Defendants contend that EPA's removal actions in Libby are
 10 arbitrary and capricious because the agency exceeded the \$2 million/12-month statutory limit on
 11 removal actions set forth in CERCLA. But Defendants admit that CERCLA and the NCP permit
 12 exceedances of this limit – a fact which seriously undermines Defendants' contention (discussed
 13 above) that removals are exclusively limited to short term actions – where "continued response
 14 actions are immediately required to prevent, limit, or mitigate an emergency [and] (ii) there is an
 15 immediate risk to public health or welfare or the environment." Def. Brief at 8 (quoting 42
 16 U.S.C. § 9604(c)(1) and referencing 40 C.F.R. § 300.415(b)(5)). EPA makes exactly this
 17 showing in its action memoranda to obtain waivers of the statutory limit. See U.S. Exhibit 5,
 18 May 23, 2000 Action Mem. at 13-14 (inhalation of asbestos fibers "by workers, visitors, and on-
 19 site residents [at former Export and Screening Plants] could cause an immediate public health
 20 threat"); U.S. Exhibit 9, April 17, 2001 Action Mem. Amend. at 19, 13-17; U.S. Exhibit 12, May
 21 9, 2002 Action Mem. Amend. at 13-14, 8-11. Defendants may disagree with EPA's conclusions
 22 regarding the immediacy of the threat to public health and welfare, but they cannot dispute that

23
 24 ⁹Similarly, Defendants' contention that EPA's actions must be deemed remedial because they are
 25 permanent is off the mark. Numerous courts have held that a removal action is not converted
 26 into a remedial action just because it achieves a permanent remedy. See, e.g., General Electric,
 27 920 F.2d at 1419 n.4; TMG Enterps., 979 F. Supp. at 1130 (length of time or permanency of the
 28 remedy does not preclude finding that EPA conducted removal action); Hatco. v. Grace-Conn.,
 849 F. Supp. at 962 ("a removal action is not converted into a remedial action just because it
 effects a permanent remedy").

1 the EPA action memoranda addressed the statutory exemption factors.

2 **B. The Administrative Record Supports EPA's Characterization of the**
 Removal Actions as Time-Critical.

3 Defendants similarly contend that EPA's decision to proceed with a "time-critical" rather
 than a "non-time-critical" removal action was arbitrary and capricious.^g Def. Brief at 12-13.
 Defendants correctly note that a removal action is "non-time-critical" when there is a six month
 planning period before on-site activities must be initiated at a site. Id. at 12; 40 C.F.R. §
 300.415(b)(4).^h In this case, it is clear that the six-month planning period did not exist. The
 action memoranda demonstrate that EPA chose time-critical removal actions because it believed
 the releases and threats of releases of asbestos that it observed in Libby needed to be addressed
 immediately. See U.S. Exhibit 5, May 23, 2000 Action Mem. at 13 ("immediate threat to the
 local population posed by the amphibole asbestos released to the environment"); U.S. Exhibit 9,
 August 17, 2001 Action Mem. Amend. at 13-19; U.S. Exhibit 12, May 9, 2002 Action Mem.
 Amend. at 11-14. Had EPA chosen to undertake a non-time-critical removal in the May 23,
 2000 Action Memorandum, for example, the six-month planning period would have run through
 the fall of 2000. This could well have delayed the onset of removal activities until spring of
 2001 due to northern Montana's short construction season, a full year after EPA began the

19 ^gAs in their remedial/removal argument, Defendants charge that EPA intentionally
 20 mischaracterized a non-time-critical removal as a time-critical removal to avoid procedural
 21 requirements. Def. Brief at 12. Defendants offer no support for this accusation.

22 ^hThe six-month planning period must exist between EPA's decision to undertake a response
 23 action (generally the issuance of an action memorandum) and the date on-site cleanup activities
 24 must be initiated. See 40 C.F.R. § 300.415(b)(4). Thus, Defendants' contention that the six
 25 month planning period was triggered when EPA learned of the contamination, see GSF 40-81, is
 26 unfounded. Defendants' contention that EPA did not begin on-site activities at the Kootenai
 27 Bluffs and Kootenai Flyway portions of the former Screening Plant within six months of the May
 28 23, 2000 Action Memorandum, see GSF 49-55, is correct, but irrelevant. As noted above, EPA
 could not immediately begin the cleanup on the KDC owned properties because KDC and its
 parent W.R. Grace & Co. refused to provide EPA access to perform the cleanups. Even if KDC
 had not denied access, the NCP does not require EPA to initiate on-site activities at all locations
 on a site within six months. Defendants do not dispute that EPA began on-site activities at some
 portions of the Screening Plant in July 2000. See GSF 47.

1 cleanup of the Parker parcel of the Screening Plant using its time-critical removal authority.⁹

2 In sum, the NCP provides EPA the discretion to conduct removal actions under time-
 3 critical or non-time-critical authority, depending on EPA's assessment of the immediacy of the
 4 problem. EPA documented immediate threats to human health and the environment in its action
 5 memoranda, and Defendants provide no compelling reason that EPA's assessment was an abuse
 6 of discretion.

7 **IV. GRACE'S CONTENTIONS REGARDING THE ROLE OF HISTORIC
 8 EXPOSURES IN EPA'S ANALYSIS, EPA'S EVALUATION OF RISK AND
 9 EPA'S USE OF ANALYTICAL METHODOLOGIES DOES NOT CREATE
 GENUINE ISSUES OF FACT.**

10 Grace-Conn. contends in its response that EPA gave undue weight to the death and
 11 disease of Libby residents that was caused by Grace-Conn.'s historic operations in Libby,
 12 insufficiently evaluated the current risk posed by exposure to asbestos in Libby, and relied on
 13 flawed asbestos sampling methodologies. Def. Brief at 13-17. As discussed in the United
 14 States' opening brief, W.R. Grace & Co. raised these same arguments in the various comments it
 15 has submitted on EPA's response actions, and EPA has responded to the arguments at length and
 16 placed its response in the administrative record as the NCP requires. U.S. Brief at 12-18.
 17 Suffice to say, Defendants do not create a genuine issue of material fact by pointing out this
 18 disagreement. The issue now before the Court is whether or not as a matter of law the evidence
 19 in the administrative record permitted the agency to make the decision it did. City and County of
 20

21 ⁹ Defendants attempt to buttress their argument by stating (in bold) that the "EPA On-
 22 Scene Coordinator admitted in his deposition that he never even considered preparing" an
 23 EE/CA, see Def. Brief at 12, which is required in non-time critical removals but not time-critical
 24 removals. But Defendants offer no support for this statement. Defendants reference GSF ¶ 128,
 25 which in turn references pages 354-56 of Mr. Peronard's deposition. But these pages are not
 included in the excerpt of Mr. Peronard's deposition transcript provided at Defendants' Exhibit
 3. It is easy to see why Defendant omitted the pages, as they do not support Defendants'
 contention. Rather, Mr. Peronard states that he did not discuss performing an EE/CA with
 others. U.S. Exhibit 19, Deposition of Paul Peronard at 354-56. Defendants did not even ask
 Mr. Peronard whether he considered performing an EE/CA. In any event, the relevant issue is
 whether EPA had a six month planning period prior to beginning on-site removal activities, not
 whether EPA considered performing an EE/CA. As demonstrated above, EPA determined that
 the removal actions needed to begin immediately.

1 San Francisco, 130 F.3d at 877; Occidental Eng'g, 753 F.2d at 769. As discussed in the United
 2 States' opening brief at 11 and A.R. Facts 9-14, 42-47, 52-55, there is ample evidence in the
 3 administrative record to demonstrate that the release or threat of release of asbestos in Libby
 4 triggered several of the NCP's removal criteria. As such, summary judgment is appropriate
 5 despite the fact that EPA and Defendants have substantial disagreement (and will likely remain
 6 in disagreement) on numerous underlying scientific and technical issues.

7 It is worth noting that many of the arguments Defendants raise are red herrings. For
 8 example, Defendants' contention regarding the alleged undue emphasis EPA placed on the death
 9 and disease of Libby residents from historic asbestos exposure does not directly relate to any of
 10 the removal criteria in the NCP. EPA could have applied the removal criteria to remove asbestos
 11 in soils at Libby even if no one in Libby had ever contracted an asbestos-related disease.
 12 Illnesses or deaths from exposure to a hazardous substance is simply not required for EPA to
 13 undertake a removal action. See 40 C.F.R. § 300.415(b)(2). Similarly, EPA could have removed
 14 the Libby asbestos without conducting a risk assessment. The NCP removal action criteria
 15 (unlike the remedial action regulations) do not require it. See id. Thus, Grace-Conn.'s
 16 contention that the risk assessment that EPA undertook in Libby was inadequate is irrelevant.
 17 Finally, Defendants contend that some of EPA's data relied on an indirect method of sampling
 18 for asbestos that should be excluded on Daubert grounds, Def. Brief at 16, citing In re Armstrong
 19 World Industries, a recent Bankruptcy Court opinion. Other courts have accepted the indirect
 20 method, and United States believes it is scientifically valid and provides useful, accurate
 21 information. In addition, there are numerous factual differences between the use of the method
 22 in Armstrong and its use here that obviate the Armstrong court's concerns. In any event,
 23 Defendants did not move to exclude such evidence by the motions deadline, so it is not an issue
 24 in this case. (As counsel for Armstrong also represents W.R. Grace & Co., Defendants cannot
 25 contend that this is a newly discovered issue.)

26 **V. DEFENDANTS' EXAMPLES OF INCONSISTENCIES WITH THE NCP**
 27 **REMOVAL CRITERIA ARE UNAVAILING.**

28 Defendants provide two examples of alleged inconsistencies with the removal action
 criteria. Def. Brief at 17-18. First, Defendants appear to contend that evidence that surface soils

1 at the Plummer Elementary School contain 3% to 8% asbestos combined with evidence that
2 children played in the area does not create an "actual or potential exposure" to asbestos under 40
3 C.F.R. § 300.415(b)(2)(i). See Def. Brief at 17. Merely stating Defendants' contention
4 illustrates its absurdity. There may not be a direct statistical correlation between the amount of
5 asbestos in soil and the amount in ambient air, as Defendants state. But that does not mean that
6 contact with the soil or disturbance of the soil will not result in the potential for exposure. In
7 fact, the administrative record is replete with support (including Grace-Conn.'s own historical
8 studies) that disturbance of materials containing asbestos will increase the asbestos in the
9 ambient air. See U.S. Exhibit 8, Response To Comments on May 23, 2000 Action Mem. at 5-6.

10 Second, Defendants contend that EPA's decision to excavate asbestos-contaminated soil
11 down to depths of 13 feet in one area of the former Screening Plant is arbitrary and capricious
12 because EPA did not assess the risk posed by contamination at these depths. Def. Brief at 18.
13 As discussed above, however, the "risk" posed by the materials is not one of the removal action
14 criteria. See 40 C.F.R. § 300.415(b)(2). "Actual or potential exposure to nearby human
15 populations" from a hazardous substance is one of the criteria. Id. § 300.415(b)(2)(i). It hardly
16 seems unreasonable for EPA to conclude that a pit filled with asbestos contaminated material on
17 a parcel of river front property that is going to be developed would create a "potential" exposure
18 pathway. The NCP gives EPA the discretion to conduct the "[e]xcavation, consolidation, or
19 removal" of contaminated soils as part of a removal action. Id. § 300.415(e)(6). The decision as
20 to how much of the contamination should be removed is certainly part of that discretion.

21 Dated: November 11, 2002

Respectfully submitted,

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CERTIFICATE OF SERVICE

I certify that on November 11, 2002, I caused a copy of the foregoing **UNITED STATES' REPLY TO DEFENDANTS' RESPONSE TO UNITED STATES' MOTION FOR PARTIAL SUMMARY JUDGMENT ON DEFENDANTS' THIRD AFFIRMATIVE DEFENSE** to be served upon the following via postage-prepaid, U.S. Mail:

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